

ABSTRACT

In a clutch device for a magnetic recording/reproducing apparatus transmitting a power for traveling of a tape regardless of a quantity of the tape wound around a reel, a clutch device for a magnetic recording/reproducing apparatus comprises a rotating central shaft installed on a main chassis, a driving pulley installed to the rotating central shaft, rotating by receiving a power of a driving source and having a cylindrical pulley holder portion, an up/down gear having a cylindrical gear holder unit having an outer diameter smaller than an inner diameter of the pulley holder portion and ascendable/descendable along the rotating central shaft, and a clutch spring placed between the inner surface of the pulley holder portion and the outer surface of the gear holder unit and selectively transmitting a power with a certain torque from the driving pulley to the up/down gear in accordance with the rotational direction of the driving pulley, accordingly a production cost can be reduced by minimizing the number of components and an assembly process can be simplified.